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Europäisches Patentamt
European Patent Office
Office européen des brevets



11 Publication number:

0 554 569 A3

12

EUROPEAN PATENT APPLICATION

21 Application number: **92122109.9**

51 Int. Cl.⁵: **H05B 33/00, H05B 33/00**

22 Date of filing: **29.12.92**

30 Priority: **30.12.91 US 814660**

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43 Date of publication of application:
11.08.93 Bulletin 93/32

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84 Designated Contracting States:
AT BE CH DE DK ES FR GB GR IE IT LI LU MC
NL PT SE

88 Date of deferred publication of the search report:
30.11.94 Bulletin 94/48

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54 **Efficient organic electroluminescent device of simplified construction.**

57 An organic electroluminescent device is disclosed comprised of, in sequence, an anode, an organic electroluminescent medium, and a cathode. The organic electroluminescent medium is formed by an organic host material capable of sustaining both hole and electron injection in contact with both the anode and the cathode and a fluorescent dye capable of emitting light in response to hole-electron recombination located in the host material and spaced from the cathode. The dye has a bandgap no greater than that of the host material and a reduction potential at least 0.4 volt less negative than that of the host material.

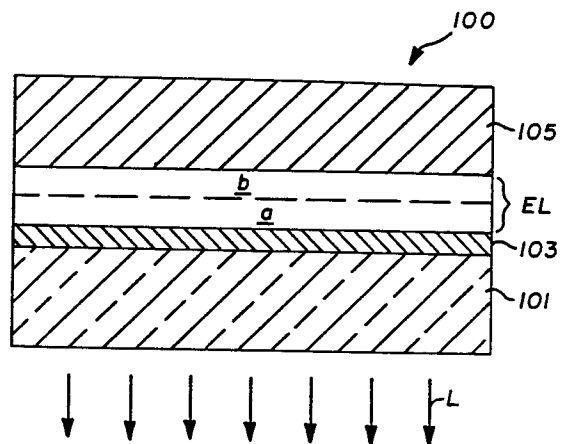


FIG. 1

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DOCUMENTS CONSIDERED TO BE RELEVANT			EP 92122109.9
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.)
P, A	<u>US - A - 5 151 629</u> (VAN SLYKE) * Totality * ---	1-6	H 05 B 33/14 H 05 B 33/00
D, A	<u>US - A - 4 769 292</u> (TANG et al.) * Totality * ---	1-6	
A	<u>EP - A - 0 281 381</u> (TANG et al.) * Abstract; page 37, lines 11-49; claims * -----	1-6	
			TECHNICAL FIELDS SEARCHED (Int. Cl.)
			H 05 B 33/00
The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 14-09-1994	Examiner FELLNER
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document	